

Figure 1
Scheme For The Synthesis Of N-Methyl Piperazine

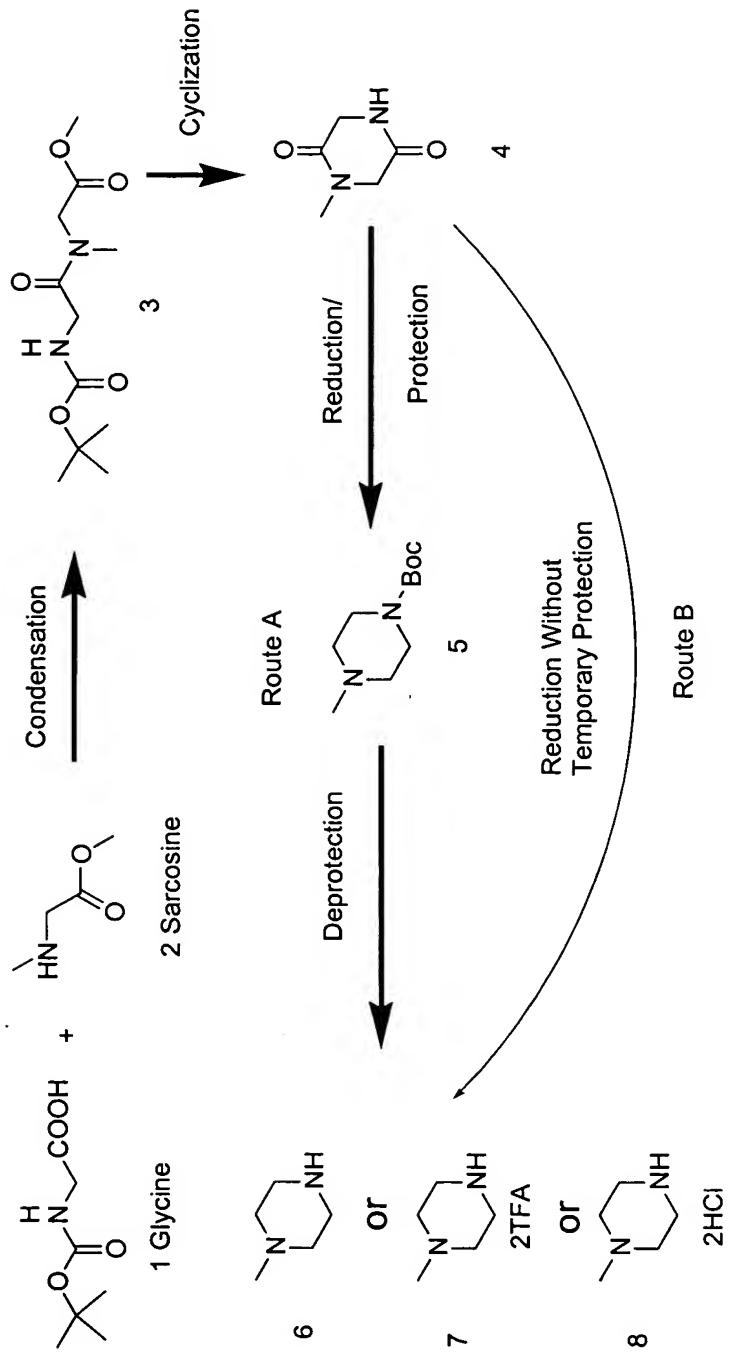


Figure 2A

Scheme A For The Synthesis Of N-Methyl Piperazine Acetic Acids

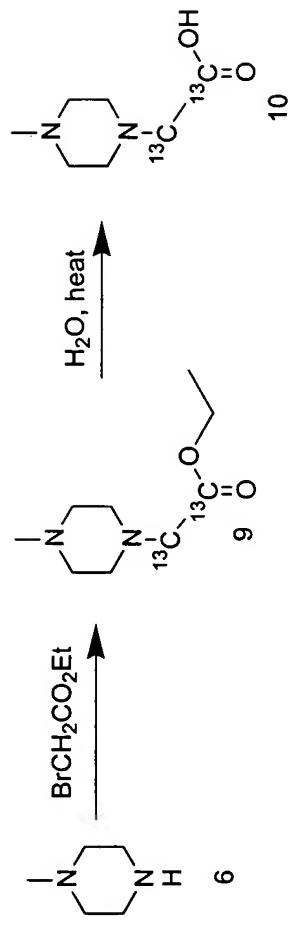


Figure 2B

Scheme B For The Synthesis Of N-Methyl Piperazine Acetic Acids

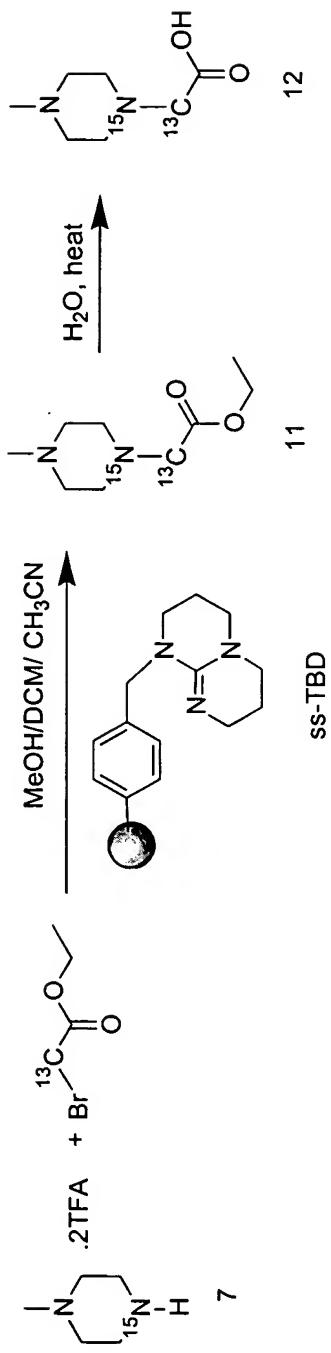


Figure 2C

Scheme C For The Synthesis Of N-Methyl Piperazine Acetic Acids

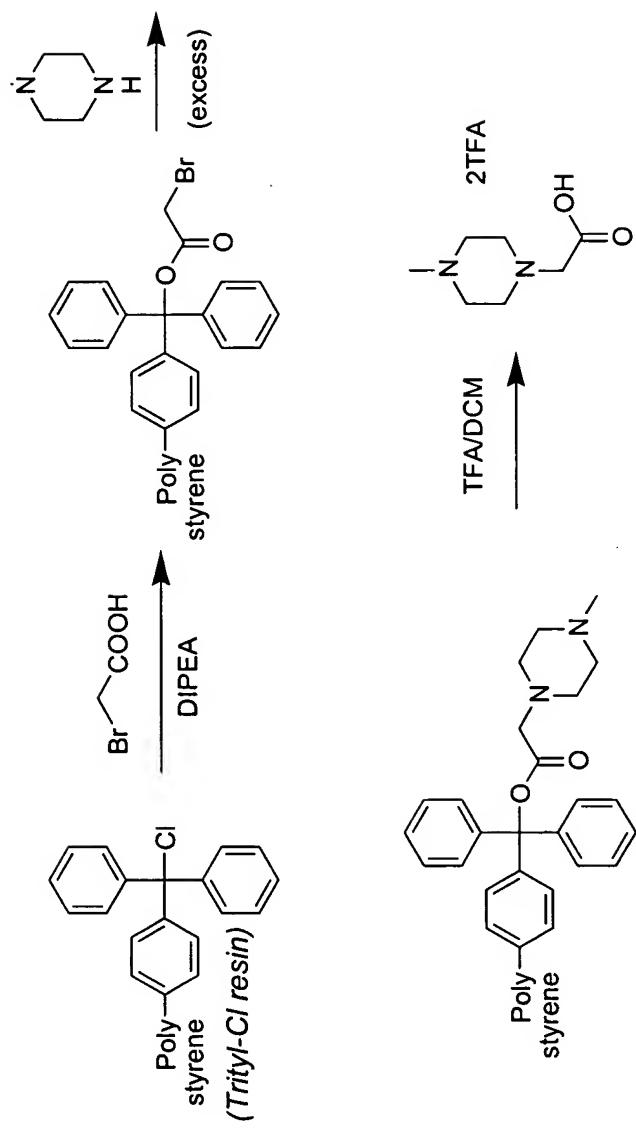


Figure 3A

Scheme A For The Synthesis Of ^{18}O Labeled N-Methyl Piperazine Acetic Acids

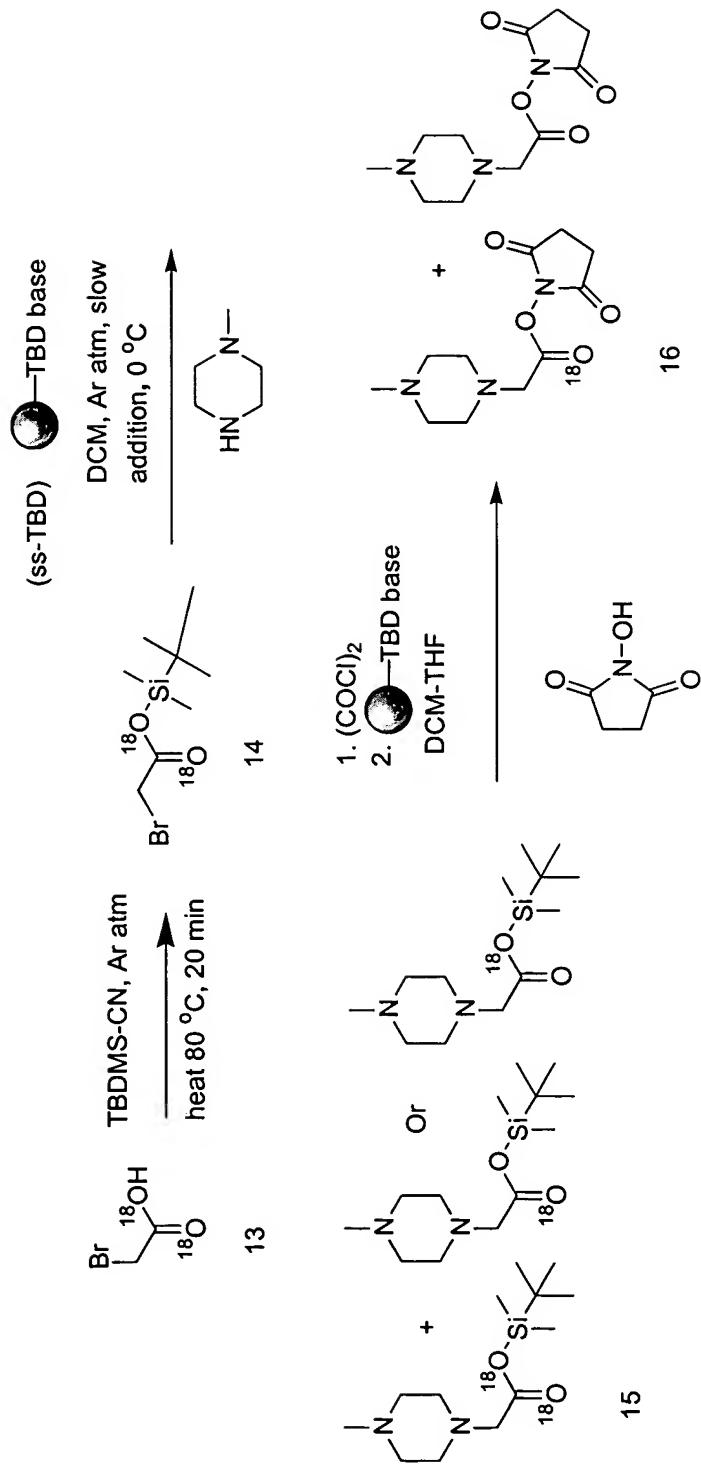


Figure 3B

Scheme B For The Synthesis Of ^{18}O Labeled N-Methyl Piperazine Acetic Acids

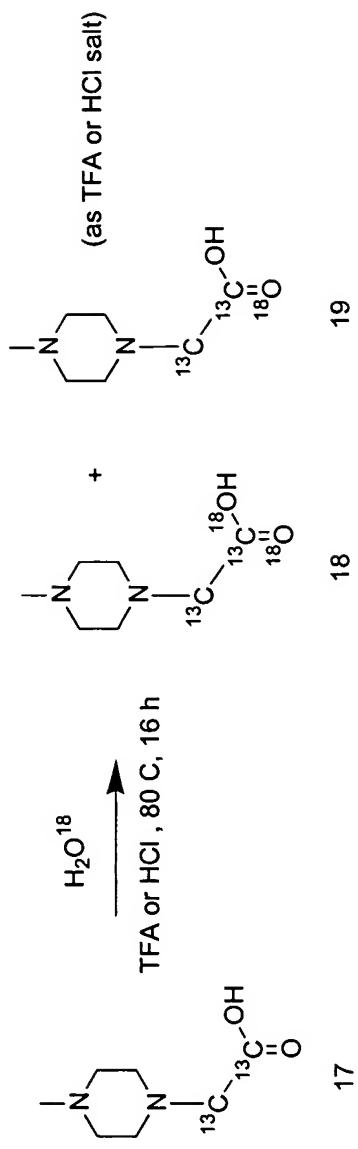


Figure 4A

Scheme A For The Synthesis Of Various Active Esters Of N-Methyl Piperazine Via Imidazolide Formation

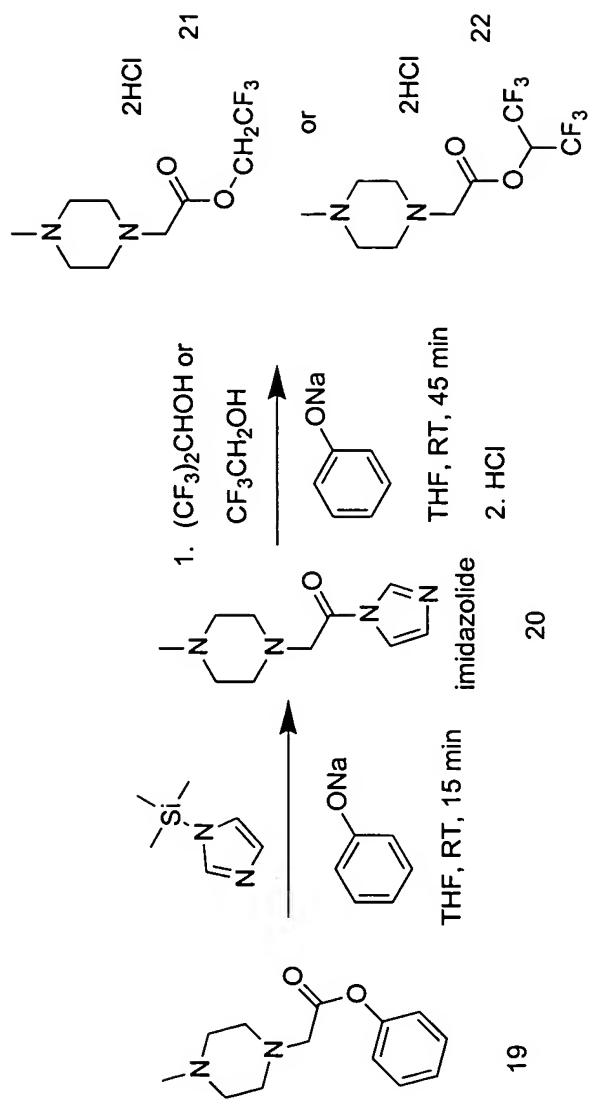


Figure 4B

**Scheme B For The Synthesis Of Various Active Esters Of N-Methyl Piperazine
Via Oxallyl Chloride**

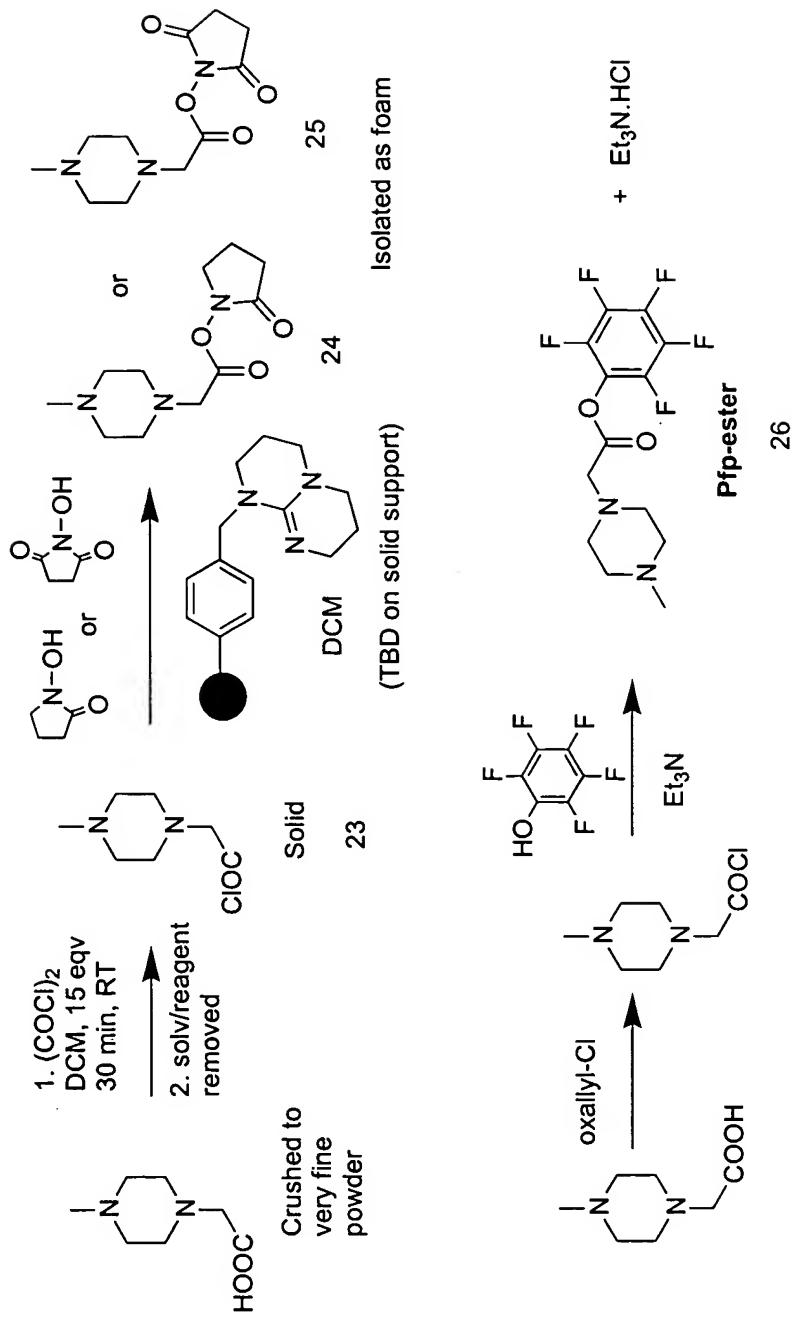


Figure 4C

**Scheme C For The Synthesis Of Various Active Esters Of N-Methyl Piperazine
Via Trifluoroacetate Ester**

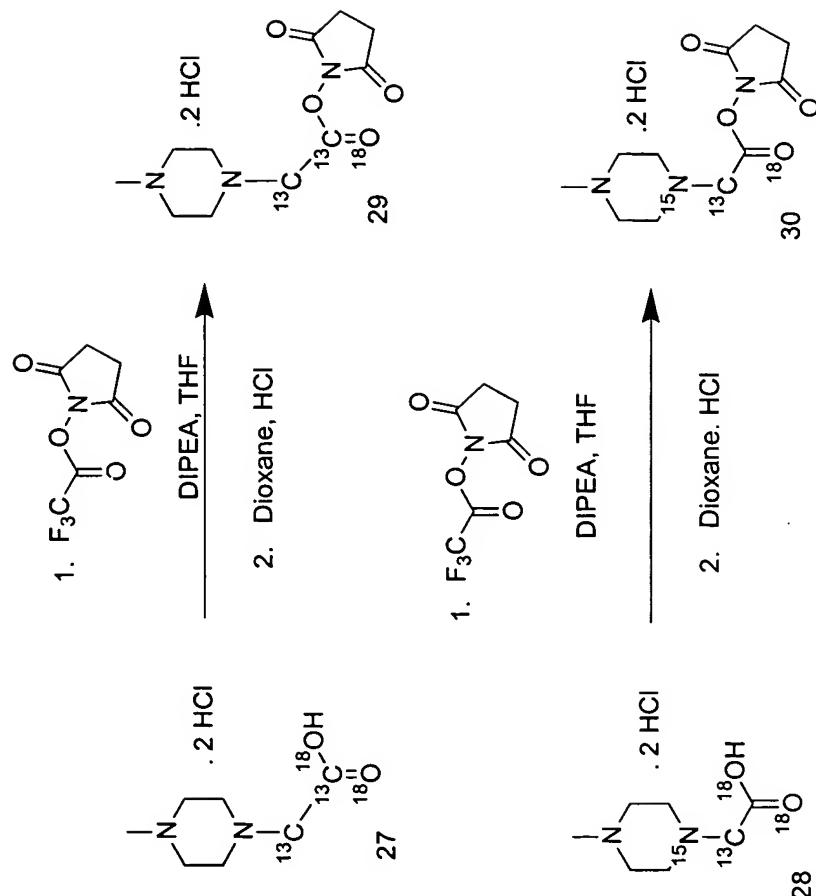


Figure 4D
Scheme For The Synthesis Of Various Active Esters Of N-Methyl Piperazine
Via Trifluoroacetate Esters

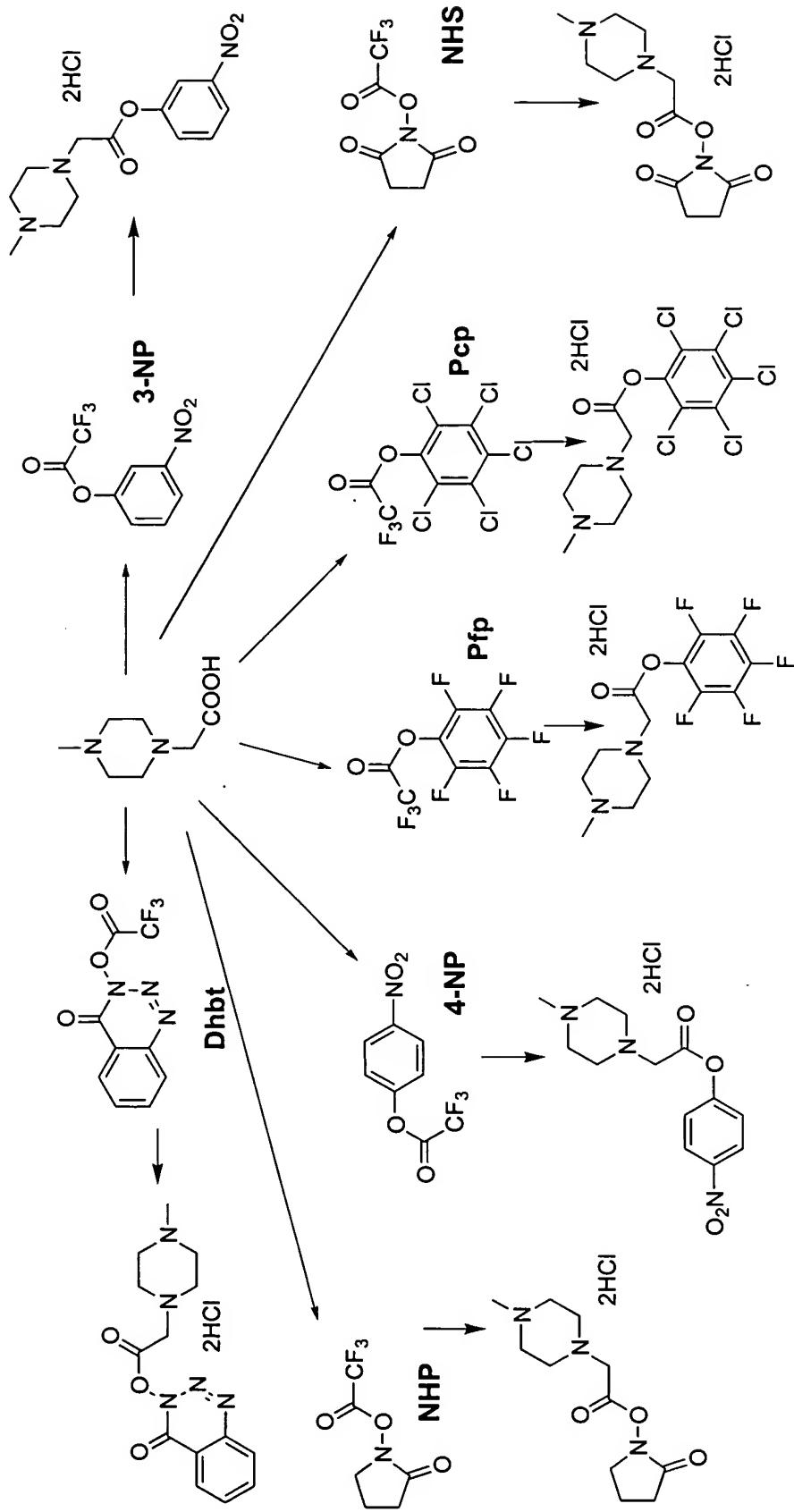


Figure 5A
Isotopic Pathway For Prepared N-Methyl Piperazine Acetic Acids

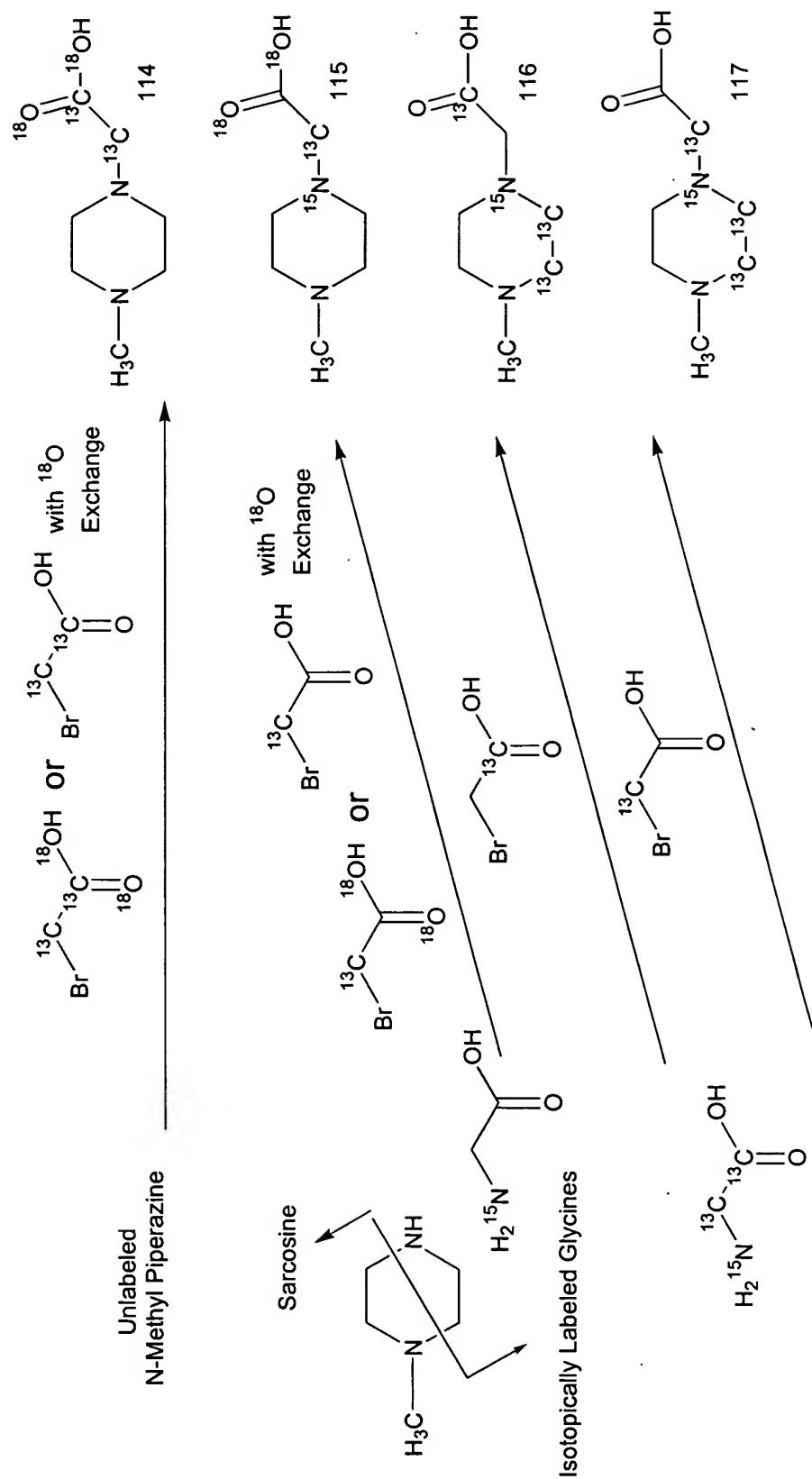


Figure 5B
Fragmentation of the Isobaric Label Set

